

Technical Data Sheet
Gearbox
HELLICAL BEVEL



MODEL	X42A
Ø OUTPUT SHAFT	25 mm
APPROXIMATE RATIO	15
EXACT RATIO	15.27
OUTPUT SPEED	97 RPM
EXACT OUTPUT SPEED	96 RPM
INPUT POWER	1.50 KW
INPUT ROTATION	1400 RPM
INPUT PAM	90B5
OUTPUT TORQUE	149.98 N.m
NOMINAL TORQUE	150.00 N.m
NOMINAL POWER	1.5 KW
SERVICE FACTOR	1.00
DYNAMIC EFFICIENCY	0.96

Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.6	0.75	0.5	0.7	1.1	0.6

Radial and Axial Loads



n_2 [min-1]	F_A [N]	F_R [N]
250	500	2500
100	700	3500
50	960	4800
15	960	4800

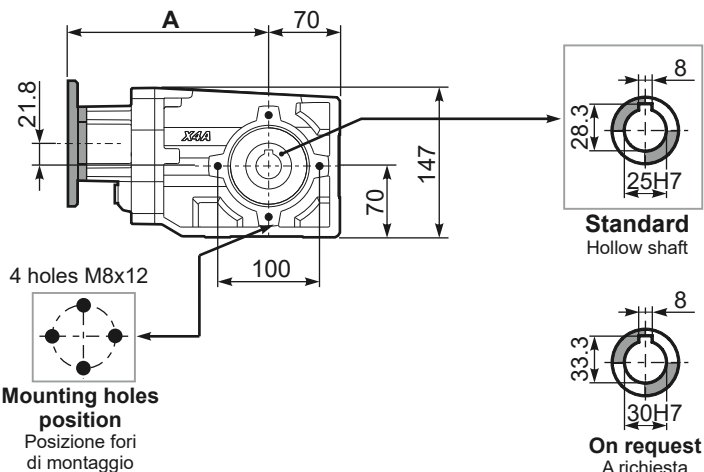
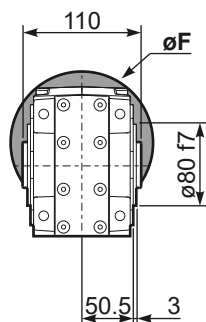
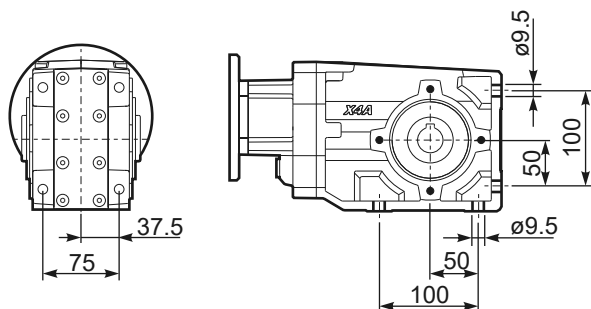
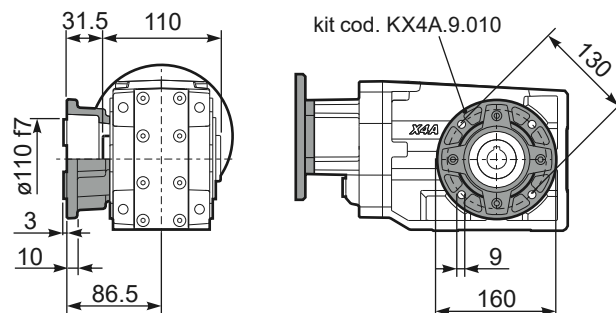
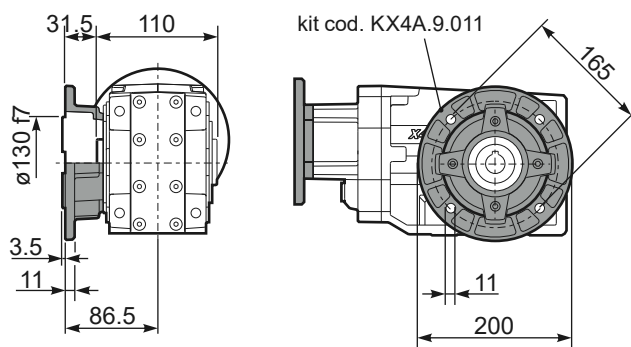
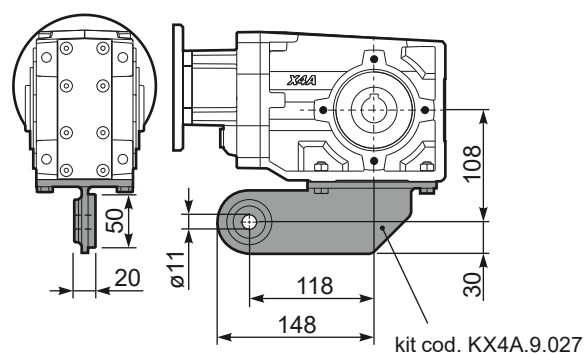
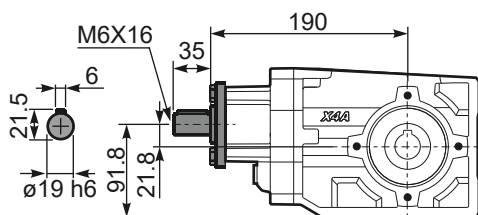
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PX42AC...Basic Gearbox
Riduttore baseGearbox
weight
peso riduttore**7.82 kg**

M. flanges	Kit code	øF	A
63B5	K063.4.041	140	199.5
71B5	K063.4.042	160	197.5
80/90B5	K063.4.043	200	199.5
100/112B5	KC40.4.043	250	214.3
71B14	K063.4.047	105	197.5
80B14	K063.4.046	120	199.5
90B14	K063.4.041	140	199.5
100/112B14	KC40.4.041	160	214.5

**PX42A...FB..**Feet
Piedini**PX42A...-F2..**Output flange
Flangia uscita**PX42A...-F3..**Output flange
Flangia uscita**PX42A...BR..**Reaction Arm
Braccio di reazione**RX42A...**Input shaft
Albero in entrata**PX42AA..**Single output shaft
Albero semplice in uscita